

KALINOVSKAYA, I. Ya., Cand Med Sci -- (diss) "Vestibular symptoms in acute poliomyelitis in children." Moscow, 1960. 13 pp; (Academy of Medical Sciences USSR); 200 copies; price not given; bibliography at end of text; (KL, 22-60, 144)

KALINOVSKAYA, I.Ya.

Significance of an otoneurological examination in diagnosing  
acute poliomyelitis. Zhur. nevr. i psikh. 61 no.7:962-966  
'61. (MIRA 15:6)

1. Institut nevrologii (dir. - prof. N.V. Konovalov) AMN  
SSSR, Moskva.  
(POLIOMYELITIS—DIAGNOSIS)  
(VESTIBULAR APPARATUS) (NYSTAGMUS)

KALINOVSKAYA, I.Ya., kand. med. nauk

Otoneurological symptomatology in syringomyelia. Vest. otorin. 25 no.4:72-77 Jl-Ag '63. (MIRA 17:1)

1. Iz Instituta nevrologii (dir. - deyastvitel'nyy chlen AMN SSSR prof. N.V. Konevalov) AMN SSSR, Moskva.

L 1651-66 EWT(m)/T DS  
ACCESSION NR: AP5021423

UR/0076/65/039/008/2038/2042  
541.14:547.8645.2

14  
11  
B

AUTHOR: Kalinovskaya, L. A.

TITLE: Photochemical oxidation-reduction reaction of safranine-T with oxalates  
144,56

SOURCE: Zhurnal fizicheskoy khimii, v. 39, no. 8, 1965, 2038-2042

TOPIC TAGS: safranine, ammonium oxalate, potassium oxalate, photochemical reaction

ABSTRACT: The photochemical reaction between safranine-T and potassium or ammonium oxalate in aqueous solution was studied. The decoloration of the solution indicated the extent of the reaction. The optical density was measured as a function of the time of exposure to light of various wavelengths, and the reaction rate was plotted as a function of the concentration of each reagent and as a function of the light intensity. It was found that the reaction involves two simultaneous processes: the forward process - photoreduction of safranine, and the reverse process - oxidation of the leuco form of safranine. There is an optimum oxygen concentration at which neither of these processes is favored. An empirical relationship was established between the reaction rate and the concentration of ammonium oxalate in the solution:

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ACCESSION NR: AP5021423

$$\frac{\Delta D}{\Delta t} = 3720 \text{ cm}^{-1} \text{ mol}^{-1} \text{ sec}^{-1}$$

3

(D being the optical density of the solution,  $\tau$  the irradiation time, and c the concentration of ammonium oxalate). The mechanism of the photochemical oxidation-reduction reaction studied is explained by the formation of a safranine-T-oxalate molecular complex in a metastable state. Orig. art. has: 6 figures and 1 formula.

ASSOCIATION: Sevastopol'skiy priborostroitel'nyy institut (Sevastopol Instrument Engineering Institute)

SUBMITTED: 24 May 64

ENCL: 00

SUB CODE: GC

NO REF Sov: 003

OTHER: 000

Card 2/2 DP

KALINOVSKAYA, L. K.

KALINOVSKAYA, L. K. "A Physiological Method of Avoiding Cracked  
Nipples in Nursing Mothers." Kiev Order of Labor  
Red Banner Medical Inst imeni Academician A. A.  
Bogomolets. Kiev, 1955. (Dissertation for the  
Degree of Candidate in Medical Science)

So: Knizhnaya Letopis', No. 19, 1956.

KALINOVSKAYA, R.K.

Diagnosis and course of combined lung and bone tuberculosis  
in adults. Probl. tub. 42 no.10;36-41 '64.

(MJRA 18:11)

1. Dianosticheskoye otdeleniye (zav... prof. D.D. Asseyev)  
Moskovskogo nauchno-issledovatel'skogo instituta tuberkulosa  
(direktor - kand. med. nauk T.P. Moshalova) Ministerstva  
zdravookhraneniya RSFSR.

PANILOV, N.Y., KALINOVSKAYA, E.K.

Effectiveness of treatment of patients with combined tuberculosis  
of the lungs and kidneys. Urologia no.6:3-7 '64.

(MIRA 18:11)

1. Moskovskiy nauchno-issledovatel'skiy inatitut tuberkulosa  
(dir. - kand.med.nauk T.P.Mochalova) Ministerstva zdravookhrameniya RSFSR.

POYEMNYY, F.A.; KALINOVSKAYA, R.Yu.

Use of diprazine in the treatment of three cases of infectious diseases of the nervous system [with summary in French]. Zhur.nevr.i psikh. 59 no.2:191-193 '59. (MIRA 12:4)

1. Kafedra nevropatologii (zav. - prof. F.A. Poyemnyy) Gor'kovskogo meditsinskogo instituta.  
(PROMETHAZINE, ther. use,  
brain infect. dis. (Rus))  
(BRAIN, dis.  
infect. dis, promethazine ther. (Rus))

KALINOVSKAYA, R.Yu.

Compound treatment of infectious chorea with salicylic  
preparations and aminazine. Zhur. nevr. i psikh. 61 no.8:  
1143-1145 '61. (MIRA 15:3)

1. Kafedra nervnykh bolezney (zav. - prof. F.A. Poyemnyy)  
Gor'kovskogo meditsinskogo instituta imeni S.M. Kirova.  
(CHLORPROMAZINE) (SALICYIC ACID) (CHOREA)

KALINOV'S'KA<sup>YA</sup>, S.S.

(4) 3  
0  
0  
0

Kalinov's'ka, S. S. On convergence of mean-power approximations to Chebychev approximations for some interpolation processes in  $n$ -dimensional space. Dopovidi Akad. Nauk Ukrains. RSR 1952, 263-267 (1952). (Ukrainian, Russian summary)

The author generalizes to several variables results of Remez for the one-variable case [cf. Akad. Nauk Ukrains. RSR. Zbirnik Prac' Inst. Mat. 1948, no. 10, 107-141 (1949); these Rev. 12, 93]. R. P. Boas, Jr. (Evanston, Ill).

USSR Mathematics - Approximations

21 May 52

"Concerning the Convergence of Deviations from Polynomials of Mean-Power Approximations toward Best Approximations," S. S. Kalinovskaya

"Dok Ak Nauk SSSR" Vol LXXXIV, No 3, pp 437-440

Presents certain results of investigations taking into consideration the so-called new factor: the degree of rarefaction, so to speak, of the point set A in those points of it where the density ordinarily defined according to Lebesgue measure is equal to zero. I.e. in Remez studied in the one-dimensional case the rapidity of convergence of subject deviations: but in the

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2-dimensional problem the introduction of an approximation region with a contour including (nonalgebraic) points of "sharpening" revealed the essential role of this new factor. Submitted by Acad M. V. Keldysh 31 Mar 52.

225748

KALINOVSKAYA, S.S. (Moskva)

Using the elastic thin shell theory in designing arched dams.  
Inzh.zhur. 1 no.2:119-125 '61. (MIRA 14:12)  
(Elastic plates and shells) (Dams)

KALINOVSKAYA, V.K.

USSR/Chemical Technology. Chemical Products and Their Application -- Food industry,  
I-28

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6621

Author: Mayboroda, N. I., Kalinovskaya, V. K., Dmitriyeva, L. V., Vospennikova, A. V., Isayeva, A. V., Durakova, G. N.

Institution: Moscow Technological Institute of Meat and Dairy Industry

Title: Preparation of Dietary Products from Milk with an Increased Content  
of Dry Residue

Original Publication: Sb. stud. rabot Mosk. tekhnol. in-t myas. i moloch. prom-sti, 1956,  
No 4, 27-32

Abstract: Concentration of dry residue of milk can be increased, for the preparation of acidulous milk products, by a preliminary partial concentration or by addition to the natural milk of dried milk. Rapid increase of acidity and a more definite taste of the product were attained with a concentration of dry residue equal to 12-13% in the case of fat-free products, and of 14-15 and 18%, respectively, in the

Card 1/2

USSR/Chemical Technology. Chemical Products and Their Application -- Food industry,  
I-28

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6621

Abstract: case of reduced-fat and whole-fat products. Use of a Bulgarian bacillus inoculum imparts a pleasant, sharp taste to the product, similar to that of yoghurt, and yields a product of delicately soft consistency when dry milk is used. Inoculum of mixed cultures (25% acidophilic bacillus and 75% Bulgarian bacillus) impart to the product a slight viscosity while preserving the sharp taste. Addition of 7% of beet sugar renders the sharp taste milder and reduces the aftertaste of salts and dry milk.

Card 2/2

75-2-124585875, Ye.  
BONDARENKO, V.; KALINOVSKAYA, Ye.

Selection and training of personnel should be equal to the new tests.  
Den.1 kred. 15 no.9:44-48 8 '57. (MIRA 10:10)

1. Nachal'nik otdela kadrov Ukrainskoy respublikanskoy kontory Gosbanka (for Bondarenko). 2. Nachal'nik sektora kadrov Chuvashskoy respublikanskoy kontory Gosbanka (for Kalinovskaya).  
(Banks and banking)

RUDAKOV, G.A.; KALINOVSKAYA, Ye.A.

Equilibrium between liquid and vapor in binary solutions of  
camphene - acetic acid and isobornyl acetate - acetic acid.  
Gidroliz. i lesokhim. prom. 10 no.2:8-10 '57. (MLRA 10:5)

1. TSentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy  
institut.  
(Camphene) (Acetic acid) (Acetates)

RUDAKOV, G.A.; KALINOVSKAYA, Ye.A.

Catalytic conversions of terpenes. Part 10: Heats of  
isomerization of camphene to tricyclene and Wagner  
rearrangement during the conversion of camphene hydrate  
to isoborneol. Zhur. org. khim. 1 no.7:1199-1205 J1 '65.

(MIRA 18:11)

1. Institut nefte- i uglekhimicheskogo sinteza Irkutskogo  
gosudarstvennogo universiteta.

KALINOVSKAYA, Ye.A.; HUDAКОV, G.A.

Studies in the field of the saponification of borneol and isoborneol esters. Report No.1: Kinetics of the alkali saponification of borneol and isoborneol esters in alcohol-water solutions. Gidroliz.i lesokhim.prom. 13 no.4:1-3 '60. (MIRA 13:7)

1. Irkutskiy institut organicheskoy khimii Sibirs'kogo otdeleniya  
AN SSSR.  
(Borneol) (Isoborneol) (Saponification)

KALINOVSKAYA, Ye.<sup>G</sup>

Electrocardiographic indices in burns. Vrach.delo no.11:145-147  
N '62. (MIRA 16#2)

1. Kafedra terapii (zav. - prof. T.T. Glukhenskiy) i kafedra  
khirurgii (zav. - prof. A.A. Fedorovskiy) pediatricheskogo  
fakul'teta Kiyevskogo meditsinskogo instituta.  
(ELECTROCARDIOGRAPHY) (BURNS AND SCALDS)

SOKOLOV, Vladimir Vladimirovich; KALINOVSKAYA, Ye., nauchn.  
red.; LAGUTINA, Ye.V., red.; MAKITIN, I.T., tekhn.red.

[Metals and plastics in surgery] Metally i plastmassy v  
khirurgii. Moskva, Izd-vo "Znanie," 1963. 31 p. (Narodnyi  
universitet kul'tury: Fakul'tet zdorov'ia, no.9)  
(MIRA 16:12)

(SURGICAL INSTRUMENTS AND APPARATUS)

KALINOVSKAYA, Ye.G.; VASIL'YEVA, R.V.

Some data on the study of the functional state of the kidneys  
in elderly and senile persons with moderate clinical manifesta-  
tions of general atherosclerosis; preliminary report. Vop. geron.  
i geriat. 4:213-217 '65. (MIRA 18:5)

1. Institut gerontologii AMN SSSR, Kiyev.

KALINOVSKII, N. N.

"Ankle Fractures and their Treatment."  
Thesis for degree of Cand. Medical Sci.  
Sub. 26 Sep 50, Central Inst for the Advance  
Training of Physicians.

Summary 71, 4 Sep 52, Dissertations presented  
for Degrees in Science and Engineering in Moscow  
in 1950. From Vechernaya Moskva, Jan-Dec 1950.

KALINOVSKAYA, YE. N.

Fractures

Fractures; first aid and therapy. Med. sestra No. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, August, 1952. UNCLASSIFIED.

KALINOVSKAYA, Ye.N., kandidat meditsinskikh nauk; PETROV, B.A., professor, direktor;  
TARASOV, M.M., zasluzhennyj vrach, direktor.

Intraosseous transfusion of blood and of medicinal liquids. Sov.med. 17  
no.9:25-26 S '53. (MLRA 6:9)

1. 2-ya khirurgicheskaya klinika Instituta im. Sklifosovskogo (for Petrov  
and Kalinovskaya). 2. Institut im. Sklifosovskogo (for Tarasov).  
(Blood--Transfusion) (Injections) (Anemias)

KALINOVSKAYA, Yo.N., kandidat meditsinskikh nauk; VYSOTSKAYA, E.P., dotsent (Omsk).

Letter to the editor. Vest.khir. 73 no.3:63-65 My-Je '53. (MLR 6:6)  
(Transplantation (Physiology)) (Fractures)

KALINOVSKAYA, Yu. N.

DITMAN, Yu.

"Ankle fractures and their treatment." E.N.Kalinovskaya. Reviewed  
by Iu.Ditman. Vest.khir.74 no.7:87-89 O-N '54 (MLRA 8:10)  
(ANKLE--FRACTURES) (KALINOVSKAYA, E.N.)

KALINOVSKAYA, Ye.N.

Some features of the clinical picture of Kachin-Beck's disease  
in endemic foci; data of the Urov research station for 1952-1954.  
Pediatriia 36 no.9:42-48 D '58 (MIRA 11:11)  
(OSTEOARTHRITIS.  
deformans endomica, early features (Rus))

STANISLAVLEVA, Ye.N.; KALINOVSKAYA, Ye.N.; GUR'YAN, L.V. (Moskva)

Achievements and the immediate tasks of surgery in the treatment of  
osteocarticular tuberculosis. Zdrav.Ros.Feder. 3 no.7:34-37 J1 '59.

(JOINTS--TUBERCULOSIS) (SURGERY) (MIRA 13:1)

KALINOVSKAYA, Ye.N., starshiy nauchnyy etrudnik

"Tietze's syndrome". Khirurgija 35 no. 5:31-34. May '59.  
(MIRA 13:10)

1. Iz Moskovskogo gosudarstvennogo nauchno-issledovatel'skogo  
instituta tuberkuleza (zav. otdeleniyem -- dotsent K.Y.  
Pukotilov [deceased], zamestitel' direktora po nauchnoy chasti -  
prof. D.D. Aseyev, dir. - kand. med. nauk V.F. Chernyshev)  
Ministerstva zdravookhraneniya RSFSR.  
(RIBS--DISEASES)

KALINOVSKAYA, Ye.N., kand.med.nauk

Causes of crippling in children with tuberculosis of the spine complicated by compression of the spinal cord. Pediatrilia no.10: 40-44 '61. (MIRA 14:9)

1. Iz kostnokhirurgicheskogo otdeleniya (rukoveditel' - doktor med.nauk Ye.N. Stanislavleva) Moskovskogo gosudarstvennogo nauchno-issledovatel'skogo instituta tuberkuleza Ministerstva zdravookhraneniya RSFSR (dir. - kand.med.nauk V.F. Chernyshev). (SPINE-TUBERCULOSIS) (CRIPPLED CHILDREN)

KALINOVSKAYA, Ye. N.

Blood supply to the vertebrae and disks in fetuses and in newborn infants. Khirurgiia 38 no.5:34-38 My '62. (MIRA 15:6)

1. Iz kostno-khirurgicheskogo otdeleniya Instituta tuberkuleza (dir. V. G. Chernyshev) Ministerstva zdravookhraneniya RSFSR. Nauchnyy rukovoditel' raboty - chlen-korrespondent AMN SSSR prof. B. V. Ognev.

(INTERVERTEBRAL DISK—BLOOD SUPPLY)  
(SPINE—BLOOD SUPPLY)

KALINOVSKAYA, Ye.N., kand. med. nauk; BULANOV, V.V.

Primary abdominal pregnancy in a patient with tuberculous spondylitis. Akush. i gin. 39 no.5:147-148 S-0 '63.

(MIRA 17:8)

1. Iz Instituta tuberkuleza (dir. - kand. med. nauk T.P. Mochalova) Ministerstva zdravookhraneniya RSFSR i 2-y Gorodskoy bol'nitsy (glavnnyy vrach B.V. Smirnov) Kлина.

KALINOVSKAYA, Ye.N., kand. med. nauk

Rib lesions in tuberculous spondylitis. Probl. tuberk. 41 no.4:  
44-46 '63  
(MIRA 17:2)

1. Iz kostnokhirurgicheskogo otdeleniya (zav. - doktor med. nauk Ye.N.Stanislavleva) Moskovskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. T.P.Mochalova, zamestitel' direktora po nauchnoy chasti - prof. D.D. Aseyev) Ministerstva zdravookhraneniya RSFSR.

STANISLAVLEVA, Yekaterina Nikolayevna; KALINOVSKAYA, Ye.N., red.

[Surgery in tuberculous coxitis] Khirurgiia tuberkuleznogo  
koksita. Moskva, Meditsina, 1965. 166 p. (MIRA 18:4)

KALINOVSKAYA, ZDUNOVA, Maria.

POLAND/Cultivated Plants - Fodder.

M.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15691

Author : Maria Kalinovskaya-Zdunova

Inst :

Title : Bird's Foot Trefoil as a Field Crop.  
(Lyadvenitsrogatyy kak polevnyy kul'tura).

Orig Pub : Plon. 1957, No 5, 10.

Abstract : No abstract.

Card 1/1

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000620120001-9

KALINOVSKIY, A., inzhener.

Building laboratory. Stroitel' 2 no.6:24 Je '56.  
(Engineering laboratories)

(MIRA 10:1)

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000620120001-9"

KALINOVSKIY, A.

Our work experience. Den. i kred. 14 no.1:18-26 Ja '56.

(MLRA 9:5)

1. Upravlyayushchiy Rogachevskim otdeleniyem Gosbanka Gomel'skoy oblasti BSSR.  
(Rogachev District--Banks and banking)

KALINOVSKIY, A.B.

Aerological characteristics of the free atmosphere over Moscow  
based on data of sounding balloons, 1930-1936. Trudy NIU. Ser.2.  
no.24:63-132 '47. (MLRA 7:7)  
(Moscow--Meteorology--Observations) (Meteorology--Observa-  
tions--Moscow) (Balloons, Sounding)

KALENINOV, I.P.

"The Radiosonde Methods" Aerologiya 1950 U-1927

MALINOVSKY, I.A.; TITOV, N.N.

"Tables 7 and 2 Sections 27, 28, and 29 of the Book "Aerology",  
Which Deal With Pilot Balloon Observations" Aerologiya 1950 3-1375

KALINOVSKIY, A. B.  
PHASE I TREASURE ISLAND BIBLIOGRAPHICAL REPORT AID 278 - I

BOOK Call No.: AF610838  
Authors: KALINOVSKIY, A. B. and PINUS, N. Z.  
Full Title: AEROLOGY (METHODS OF AEROLOGICAL OBSERVATIONS)  
Transliterated Title: Aerologiya (Metody aerologicheskikh nablyudeniy)

Publishing Data

Originating Agency: None  
Publishing House: Hydrometeorological Publishing House (GIMIZ)  
Date: 1951 No. pp.: 452 No. of copies: 8,000  
Editorial Staff

Editor: Selezneva, Ye. S. Tech. Ed.: None  
Editor-in-Chief: None Appraiser: None

Text Data

Coverage: The book is a compilative work, as may be concluded from the voluminous references. It covers information on conventional and well-known principles of aerological work, and stresses the practical point of view. It is interesting because in addition it describes some instruments of new types made in the USSR and some new methods of observation and of processing observations. In the abstract of the table of contents these new items are those which are followed by the designation of corresponding pages of the book. In its scope the book presents a well-planned reference guide on the investigation of the free atmosphere.

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000620120001-9

ПИЛЛОВСКИЙ, А.Н., "СИМУ", М.Г.

U-1862 "Measurement of Air Currents; Pilot Balloon Method" Aerologiya 1952

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000620120001-9"

KALINOVSKIY, A. B.

PA 237T76

USSR/Geophysics - Aerology

Dec 52

"Review of A. B. Kalinovskiy and I. Z. Pinus's Book, 'Aerology', Prof V. A. Belinskiy, Dr Phys-Math Sci, Moscow

"Meteorol i Gidrol" No 12, pp 57-61

Book was published by the Hydromet Press, Leningrad, 1951; authorized by Ministry of Higher Education as a textbook for hydromet students. Reviewer calls it a poor book.

237T76

KALINOVSKIY, A. B.

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6,  
p 49 (USSR) 14-57-6-12003

AUTHORS: Kalinovskiy, A. B., Sopots'ko, Ye. A.

TITLE: Certain Empirical Laws of Wind Distribution in the  
Lower Atmospheric Layer (O nekotorykh empiricheskikh  
zakonomernostyakh raspredeleniya vетра v nizhnem sloye  
atmosfery)

PERIODICAL: Sbornik trudov (Leningr. gidrometeorol. in-t), 1954,  
Nr 3, pp 59-64

ABSTRACT: Bibliographic entry  
Card 1/1

Comparison is made between wind velocity in the low atmosphere, obtained by means  
of balloon pilot observations at Pavlovo Aerological Observatory, with computed values  
of geostrophic wind. The results pertain to anticyclonic circumstances. The relation-  
(RZhFiz, No 10, 1955) ship between the actual and geostrophic wind velocity is linear and of 0.67 ratio.

KALINOVSKIY, Aleksandr Boleslavovich; PINUS, Naum Zinov'yevich. Pri-  
nimal uchastie SHMETER, S.M.; STEPANENKO, V.D., otv. red.;  
ZABRODSKIY, G.M., otv. red.; VLASOVA, Yu.V., red.; BRAYNINA,  
M.I., tekhn. red.

[Aerology] Aerologiya. Leningrad, Gidrometeor. izd-vo. Pt.1.  
[Methods of aerological measurements] Metody aeroologicheskikh  
izmerenii. 1961. 517 p. (MIRA 15:2)  
(Meteorology—Observations)

1. KALINOVSKIY, A. F., Engineer
2. USSR (6CO)
4. Building Material - Testing
7. New machine for testing building materials. Stroi. prom. 30, No. 4, April 1952. VNIOMS
9. Monthly list of Russian Accessions, Library of Congress, August 1952,  
UNCLASSIFIED

KALINOVSKIY, A.V.

[Organization of laboratories in the construction industry] Organizatsiya  
stroitel'nykh laboratori. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i  
arkhitekture, 1953. 171 p. (MLRA 6:10)  
(Construction industry) (Engineering laboratories)

L 23704-66 EWT(1) SCTB DD

ACC NR: AT6003856

SOURCE CODE: UR/2865/65/001/000/0217/0226

AUTHOR: Kostikova, V. Ya.; Bayevskiy, R. M.; Kalinovskiy, A. P.; Soshin, B. A.

ORG: none

341

TITLE: Possible application of electronic logical circuits for automatic medical control

SOURCE: AN SSSR. Otdeleniye biologicheskikh nauk. Problemy kosmicheskoy biologii, v. 4, 1965, 217-226

TOPIC TAGS: bioastronautics, bioinstrumentation, biotelemetry, automatic control system, logic circuit, electronic circuit

ABSTRACT: Space flights of longer duration and covering greater distances will sharply reduce telemetric transmission<sup>26</sup> of medical and biological data. This leads to the problem of developing on board automatic medical control devices for monitoring data on the astronaut's condition. For space flights along established orbits which do not require readjustment of programmed instructions during course of flight, electronic logic circuits are satisfactory because of their simple design, low weight and small size. The algorithm of analysis for each

Card 1/3

2

L 23704-66

ACC NR: AT6003856

Sensors

- Pulse rate
- Respiration rate
- Body temperature
- Electric resistance of skin
- Level of consciousness
- Level of motor activity
- Carbon dioxide level
- Oxygen level
- Temperature

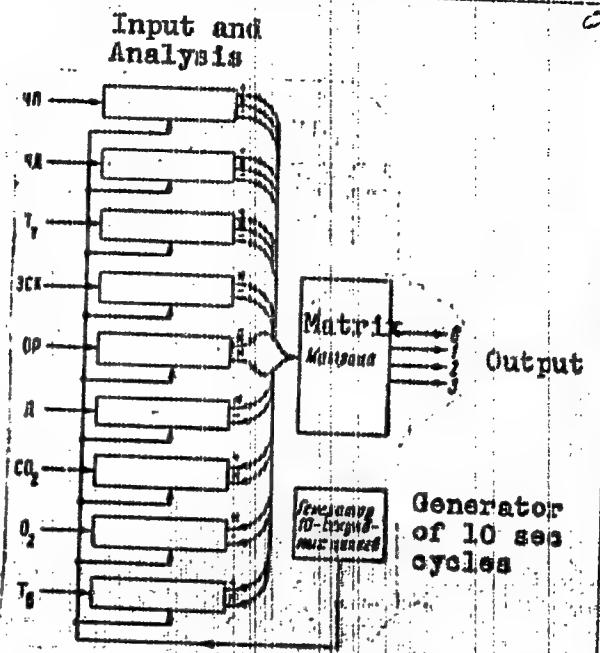


Fig. 6. Block diagram of an electronic logical system for automatic medical control.

Card 2/3

L 23704-66

ACC NR: AT6003856

of the indices (such as, body temperature) includes three operations: (1) measurement of the index during a given interval of time; (2) comparison of the index value with the norm range in the form of symbols, e.g., designating normal by "N", or "+" for higher than normal, or "-" for lower than normal; and, (3) comparison of symbols of different parameters according to a given logical system and determination of a code indicating a "diagnosis." (see Fig. 6). All problems of automatic diagnosis in which linear programming is applicable can be solved by electronic logic circuits. Orig. art. has: 6 figures and 1 table.

SUB CODE: 06, 09/ SUBM DATE: none/ ORIG REF: 00.

Card 3/3 FV

KALINOVSKIY, A. V.

Cand Agr Sci, Diss -- "Accumulation and decomposition of perennial grass wastes and their effect on the composition and properties of soil". Gorki, 1961. 23 pp, 21 cm (Min of Agr BSSR. White Russian Sci Res Inst of Agr), 100 copies, Not for sale (KL, No 9, 1961, p 186, No 24389). /61-53030/

N/5  
727.61  
.KI

KALINOVSKIY, G

Sostoyaniye molochnoy promyshlennosti SSSR v predvoyenny i poslevoen-nyy period (The position of the Soviet milk industry in the prewar and postwar periods) Myunkhen, 1955.

112 p. Tables (Institut po Izucheniyu Istorii i Kul'tury SSR. Issledovaniye i materialy seriya 2 (Rotatornye izd) no. 27)

Bibliographical footnotes.

Resumes in English, German and French.

KALINOVSKIY, Grigoriy Akimovich, 1913

Dairy industry of the USSR before and after the War.  
Miunkhon, 1955. 107 p. (Institute for the study of  
the history and culture of the USSR. Issledovaniia  
i materialy, ser. 2, no. 27)

SHAL'NOV, V.A.; MESHCHERYAKOV, A.V.; KALINOVSKLY, L.D.; BARMIN, B.P.

New method for finish machining of parts made of nonmagnetic  
materials. Stan. i instr. 34 no.7:20-22 Jl '63. (MIRA 16:9)  
(Grinding and polishing)

KALINOVSKIY, M.A.

Unified plan for bookkeeping in river transportations. Proizv.-tokh.  
sbor. no.4:80-82 '59. (MIRA 13:10)

1. TSentral'naya bukhgalteriya Ministerstva rechnogo flota.  
(Inland water transportations--Accounting)

RUSINOV, A.A.; VOSKOBONYIKOV, V.N.; DUBINKO, T.P.; ILYUSHIN, V.I.;  
VRUBLEVSKAYA, F.L.; BUNCHUK, M.I.; RYABEN'KIY, L.M.; MARGOLIN,  
D.I.; SAZYKINA, K.V., kand.ekon.nauk; BUGAREVICH, V.S.;  
KUPTSOVA, V.A.; KALINOVSKIY, M.D.; MELESHKEVICH, O.A.;  
TYABUT, M.A., red.; LAZARCHIK, K., red.; KALECHITS, G.,  
tekhn.red.

[Reference book on the establishment of work norms on collective  
farms] Spravochnik po normirovaniyu truda v kolkhozakh. Minsk,  
Gos.izd-vo BSSR, Red.sel'khoz.lit-ry, 1960. 151 p.

(MIRA 14:3)

1. Akademiya sel'skokhozyaystvennykh nauk BSSR. Institut ekonomiki.  
2. Institut ekonomiki i organizatsii sel'skokhozyaystvennogo  
proizvodstva Akademii sel'skokhozyaystvennykh nauk BSSR (for  
Voskobonyikov, Dubinko, Ilyushin, Vrublevskaya, Bunchuk, Bugarevich,  
Kuptsova, Kalinovskiy). 3. Starshiy inspektor Upravleniya po  
orgkolkhoznym delam Ministerstva sel'skogo khozyaystva BSSR (for  
Meleshkevich).

(Agriculture--Production standards)

KALINOVSKIY, N.F.; YAKOVLEV, N.I.

Tractors with 0.6-ton pulling capacity. Biul.tehn.-ekon.inform. no.9:  
56-60 '60.  
(Tractors) (MIRA 13:10)

ACC NR: AP6035917

(#)

SOURCE CODE: UR/0413/66/000/020/0163/0163

INVENTOR: Bogdanov, S. A.; Kaloyev, A. V.; Makayev, A. D.; Shipilevakiy, G. B.; Ponomarev, V. I.; Simonov, L. P.; Soshnikov, A. A.; Kalinovskiy, N. F.; Vaynshtayn, L. A.; Fann, L. A.; Kudel'skiy, V. A.; Skrypnik, I. A.

ORG: none

TITLE: Device for automatic control of a wheeled vehicle. Class 45, No. 187433  
(announced by the State Union Scientific Research Tractor Institute (Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktornyj institut); Khar'kov Tractor Plant (Khar'kovski. traktornyj zavod))

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 163

TOPIC TAGS: agricultural machinery, ~~automobile~~, <sup>agriculture</sup> automatic control ~~system~~, tractor, motor vehicle

ABSTRACT: An Author Certificate has been issued for a device for the automatic control of a wheeled vehicle, which includes a duplicating feeler, a feeler-deflection transducer, an electric gate valve, and a hydraulic steering-gear amplifier. To simplify the changeover to and from automatic control, it is equipped with a three-way cock with a handle. The cock's input is connected to a pump, one of its outputs is connected to a distributing hydraulic amplifier, and its second output is connected

Card 1/2

UDCI 631.361629.114.2-52

ACC NR: AP6035917

to the electric gate valve. In order to smoothly change the rpm, between the pump  
and the cock's input is mounted a throttle. Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 30Dec65/

Card- 2/2

KALINOVSKII, M.F., LEVITANUS, A.D.; KHODULIN, Yu.A.; CHICHEV, Yu.I.,  
red.; GREBTSOV, P.P., red.

[DT-20 tractor] Traktor DT-20. Moskva, Kolos, 1965. 254 p.  
(MIRA 18:8)

KALINOVSKIY, N.N., kandidat tekhnicheskikh nauk.

Efficient processes for turbine blade production. Vest.mash.35  
no.9:27-32 S '55. (MLRA 9:1)  
(Blades)

SIMAKOVSKIY, A.P., inzhener; KALINOVSKIY, N.N., kandidat tekhnicheskikh nauk.

Foreign achievements in the productions of heat resistant steels  
and problems involved in the use of these steels for ship mechanisms.  
Sudestremie'22 no.1:29-35 Ja '56. (MIRA 9:7)  
(Steel alleys--Testing) (Marine engineering)

KALINOVSKIY, N.N., kandidat tekhnicheskikh nauk.

Manual on heat-resistant steels for designers of marine power installations. (Manual om properties of steels used for the construction of boilers and turbines" L.IA. Liberman, M.I. Peisikhis. Reviewed by N.N. Kalinovskii). Sudostroenie 22 no.9:41-42 8 '56. (MIREA 10:1)

(Heat resistant alloys)  
(Liberman, L.IA.)  
(Peisikhis, M.I.)

KALINOVSKIY, N.N., kand.tekhn.nauk; SHALAGIN, A.D., inzh.; SKLYAREVSKIY, N.P.,  
inzh.

Testing of airtight chloroprene rubber coatings during the operation  
of the condenser of a sea water cooled thermal electric power plant.  
Energomashinostroenie 9 no.9:32-35 S '63. (MIRA 16:10)

Kalinovskiy, N.N.

AUTHOR: Ivlev, D.B. SOV/2a-58-35/59

TITLE: Conference on Sustained Static Strength of Turbine Components Working at High Temperatures (Sovremennye po zadaniyu staticheskiy protsessy dlya turbogeneratorov pri vysokoy temperaturakh)

PUBLICATION: Izvestiya Akademii Nauk SSSR Otdeleniye Tekhnicheskikh Nauk, 1958, No. 4, pp. 149 - 150 (USSR)

ABSTRACT: The Commission on the Strength of Gas Turbines from the Institute of Mechanics of the USSR (Institute of Mechanics of the Academy of Sciences of the USSR) (Chairman - Yu.M. Rabotov) and the Strength Section of the Leningrad Technical Committee on Turbine Construction (Chairman - V.K. Naumov) held a conference during November 20-22, 1957 on the sustained static strength of turbine components working at high temperature.

SOV/2a-58-35/59  
Conference on Sustained Static Strength of Turbine Components  
Working at High Temperatures

G.A. Tulinakov (TAMM) described the results of an experimental investigation of creep in the boiler steel used in tubes under complex stress conditions.

N.I. Lash (TAMM) gave a paper on the investigation of deformation and sustained strength of tubes containing results on the study of creep under complex stress conditions.

A.M. Grubin (Yaroslavl Polytechnic Institute) read a paper on Calculation of the "Fatigue Roots" of blades of gas turbines in the Creep Deformation Regime.

I.M. Lebedev (Leningrad University) presented a paper on the calculation of deformation of tubes with creep under initial plastic deformation, with a view to calculating the deformation state in turbines from special heat treatments of steel.

Iu.S. Rabotov (Moscow State University, Institute of Mechanics of the Academy of Sciences of the USSR) described the results of research and experience in investigations of unsteady creep under complex stress conditions. He reported that there has existed a theory according to which permits the calculation of the stress and deformation state in turbines at temperatures at which he has determined by constructed apparatus for investigating sustained strength and creep of heat resistive alloys under complex stress conditions and a number of valuable results have been obtained with this apparatus.

R.P. Sosulin (Leningrad University) discussed the theory of the nature of loading of components working at high temperatures.

B.V. Sereinien (TAMM) gave a paper "On Constructional Factor of Material Static Strength" which described results obtained on long-term strength experiments. The paper of S.V. Moshkovskiy concerned the bearing capacity of intermediate shafts with the bearing.

Many participants referred on the increasing need for extensive coordination of work in the field of strength of gas turbines.

Card5/7

KALINOVSKIY, N.V., kand.tekhn.nauk

Application of experience in the sealing of condensers of stationary turbines in shipbuilding. Sudostroenie 26 no.9:25-30 8'60. (MIRA 13:10)  
(Boilers, Marine) (Sealing(Technology))

KODOLBENKO, D.V., agronom (Belgorodskaya oblast'); KALINOVSKIY, N.V.,  
agronom (Belgorodskaya oblast'); AGARKOV, P.D., agronom  
(Belgorodskaya oblast'); YAKOVLEV, V.

New discoveries break the old stereotype. Zemledelie 26  
no. 4:88-89 Ap '64. (MIRA 17:5)

L 2762-66 EWT(d)/EWT(m)/EPF(c)/EWP(v)/EWP(j)/T/EWP(k)/EMP(h)/EWP(l) MM/RM

ACCESSION NR: AP5021582

44,55

UR/0286/65/000/013/0054/0054

666.96; 668.395

678.029.5(088.8)

15

AUTHORS: Dudnikov, Yu. V.; Kalinovskiy, N. V.

44,55

15

TITLE: Device for determining by a tearing method the bonding strength and defects of cementing sheet rubber with metal, Class 22, No. 172442

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 13, 1965, 54

TOPIC TAGS: rubber, stripping test, metal bonding

ABSTRACT: This Author Certificate presents a device for determining the bonding strength and defects of cementing sheet rubber with metal by a tearing method, including an accommodation for tearing the rubber. To determine the defects of cementing sheet rubber with metal under factory conditions, the accommodation for tearing the rubber is in the form of a lever in which are mounted a dry cell, a control electric circuit, and a spring-loaded cylinder, which forms a vacuum with its motion downward on a piston (see Fig. 1 on the Enclosure). The piston shaft is attached at the lower part to the case of the device and is in the form of a sleeve with a flat contact spring and a regulating valve. The valve is attached to the center part of the contact spring and is located under the spherical surface of the bushing. Orig. art. has: 1 diagram.

Card 1/3

L 2762-66

ACCESSION NR: AP5021582

ASSOCIATION: Organizatsiya gosudarstvennogo komiteta po stroyeniyu (Organization of the State Committee for Shipbuilding) 44,55

SUBMITTED: 23Mar64

ENCL: 01

SUB CODE: IE, MT

NO REF Sov: 000

OTHER: 000

Card 2/3

L 2762-66

ACCESSION NR: AP5021582

ENCLOSURE: 01

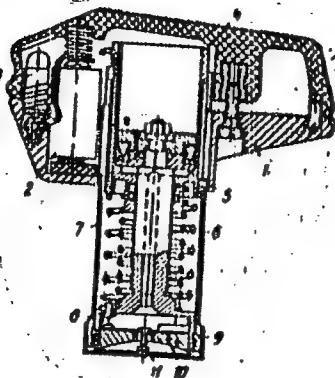


Fig. 1.

1- base of lever frame; 2- dry cell; 3- control electric lamp;  
4- spring-loaded cylinder; 5- piston; 6- shaft; 7- case;  
8- contact; 9- bushing; 10- flat contact spring; 11- regulating  
valve

④ C  
Card 3/3

SHOSTAKOVSKIY, M.F.; RABINOVICH, M.S.; LEVITOY, M.M.; VERKHOTSEVA, T.P.;  
PREOBRAZHENSKAYA, Ye.V.; KULIKOVA, G.N.; KALINOVSKIY, O.A.

Synthesis of the precursors and fragments of antibiotics. Part 4:  
Thioglycolic acid derivatives. Zhur.ob.khim. 31 no.5:1453-1458  
My '61. (MIRA 14:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.  
(Acetic acid) (Antibiotics)

GOL'DFARB, Ya.L.; IBRAGIMOVA, M.B.; KALINOVSKIY, O.A.

Synthesis of amino sulfides of the thiophene series. Izv.AN  
SSSR.Otd.khim.nauk no.6:1098-1102 '62. (MIRA 15:8)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.  
(Thiophene) (Mercapto compounds) (Amino group)

RYASHENTSEVA, M.A.; MINACHEV, Kh.M.; KALINOVSKIY, O.A.; GOL'DFARF, Ya.L.

Reduction of azomethines of the thiophene series on rhenium hepta-sulfide. Zhur. org. khim. 1 no.6:1104-1108 Je '65. (MIRA 18:7)

1. Institut organicheskoy khimii imeni Zelinskogo AN SSSR.

KALINOVSKIY, P.YE.

PLATE I. FORM OF EXPLOITATION  
WIEZIENOWA W WOZNIAKOWEJ KONFERENCJI PO PRZEWODNIKOWIENIU PKE-  
DZIENIOWYM I ATOMOWYM, DOKTOROW I ZIELACHOWY W NEROCIE HISTORY-  
CZNEJ I NAUCZE FORCUS, 1977

Machinestroyeniye i prirodozbroevyye (Proceedings of the All-Union Conference on the Use of Radioactive and Stable Isotopes and Radiation in the National Economy and Science). Machine and Instrument Manufacturing, Izd-vo AN SSSR, 1958. 350 p. 4,500 copies printed.

THE JOURNAL OF CLIMATE

Editorial Board of Set: V. I. Dikushin, Academician (Suppl. 2d.), N. N. Chumilovici (Deputy Resp. Ed.), Yu. S. Zaslavsky (Deputy Resp. Ed.), L. I. Tachchenko (Secretary), B. I. Verkhovskiy, B. M. Hararov, L. I. Petrenko, and N. G. Zelenchukova (Secretary).

J. d. of Publishing House: P.M. Beltrami; Tech. Ed.: T.P. Polcovs.  
PURPOSE: This book is intended for specialists in the field of man-  
chine and instrument manufacture who use radioactive isotopes in  
the study of materials and processes.

**OUTLINE:** This collection of papers covers a very wide field of the techniques of tracer methods in industrial research and control. The topic of this volume is the use of radioisotopes in the machine and instrument-manufacturing industry. Individual papers discuss the applications of tracer methods.

In the study of metals and alloys, problems of radiotopic techniques, metal cutting, engine performance, friction and lubrication, quality control, etc., are solved by means of radiotopes in metals. Several papers are devoted to the use of radiotopes in the manufacture of industrial processes. Radiotopes are used in recording and manufacturing devices, quality control, thermometers, voltmeters, ammeters, current meters, time counters, etc. These papers represent contributions of various Soviet institutes and laboratories. They were published as transactions of the All-Union Conference on the Use of Radiotopic and Stable Isotopes and Radiotopes in the National Economy and Science, April 4-12, 1957. References are given at the end of each of the papers. References are given at the end of each of the papers.

THE JOURNAL OF CLIMATE VOL. 17, NO. 10, OCTOBER 2004

A Study of the Use of Parts in First-Grade Reading

setach., D.J., G.I. Solntsev, V.I. Golov, V.P. Larmabeyev,  
and Yu.O. Kochubey. *Vestn. Rostov. univ.* 1977, no. 1, p. 1-10.

Institute for Automobiles and Automobiles  
Laboratory for the Study of the Effect of Dust in Air and  
Type of Air Filter on the Gear of Piston Rings in Engines  
of Aircrafts. (Azerbaijanian Institute of Aviation)  
for Propellants - Azerbaijanian Scientific Research  
Institute of Propellants. (Azerbaijan)

**UNIVERSITY OF TORONTO**, *Frictional Properties of Selected Synthetic Oils*.  
Institut für die **Wissenschaften** der **Technischen Universität**, **Berlin**.  
**Apparatus for the Study of Oil Film**  
**on Friction Surfaces**

**99**  
Vorob'ev, M.P. (Institut Mashinovedeniya AN SSSR - Institute of Mechanical Engineering, Academy of Sciences, USSR). Research on  
Cutting.

**102**  
WILHELM, H. M. [Belarusian Polytechnic Institute - Belarusian Polytechnical Institute]. Study of the Wear of Cutting Tools  
[Institut Maszynoznajenia i Stosow. Biegloscigowej, Akademia Nauk, Instytutu Politechnicznego i Technologicznego Instytutu - Belarusian Polytechnical Institute]. Study of the Wear of Cutting Tools

130

**APPROVED FOR RELEASE: 08/10/2001**

CIA-RDP86-00513R000620120001-9"

S/112/60/000/006/017/032

Translation from: Referativnyy zhurnal, Elektrotehnika, 1960, No. 6,  
pp. 264-265, # 4.4961

AUTHOR: Kalinovskiy, O. V.

TITLE: The Scintillation Device of TsNIDI for Measuring the Radioactivity /9  
of Liquids

PERIODICAL: V sb.: Primeneniye radioakt. izotopov pri issled. dvigateley vnutr.  
sgoraniya. (TsNIDI, 35) Moscow, 1958, pp. 28-34

TEXT: After outlining briefly the history of the development of scin-  
tillation counters, the author discusses in detail an installation designed for  
measuring the radioactivity of wear products of parts contained in an engine oil  
specimen. The oil to be tested is poured into a vessel which is placed into a  
sectional lead container. An NaI (Tl) crystal is placed into the center of the  
oil specimen. The "43Y-19" (FEU-19) photomultiplier, connected to a cathode  
follower, is used in the counter. Pulses from the cathode follower output are  
fed to a 3-stage wide-band amplifier (K-100) and then to a dark background  
discriminator. The pulses are counted by the "IC-64" (PS-64) scaler with an ✓  
  
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S/112/60/000/006/017/032

The Scintillation Device of TsNIDI for Measuring the Radioactivity of Liquids

electromechanical counter. Besides, a connection to the "Fialka" device is possible. The "BC3-2500" (VSE-2500) rectifier is used for feeding the photomultiplier. At a directed  $\gamma$ -radiation (the energy of quanta is 1 Mev), the efficiency of the installation is 27%, the maximum counting rate is 6,000 pulse/min. Comparative tests have shown that the sensitivity of the scintillation counter is 7 times higher than that of a device with a Geiger-Müller counter.

V. P. R.

Card 2/2

MOISEYEV, S., inzh.po tekhnike bezopasnosti; KALINOVSKIY, P., mekhanik;  
SHALOMOV, B., yuriskonsul't; TALANOVA, N., inzh.po tekhnike  
bezopasnosti; BYCHKOVA, I., inzh.; VORONOV, A., elektrik; SOKOLENKO,  
N.; KUTUZOV, P.; TOPYRIK, P., pensioner; FEDYUKOV, G., inzh.po  
tekhnike bezopasnosti; CHECHETKIN, A.; KLIMENT'YEVA, Ye.

Those, who serve us. Ochr. truda i sots. strakh. 3 no.7:52-53 Jl  
'60.  
(MIRA 13:8)

1. Reydovaya brigada.
2. Moskhladokombinat imeni Mikoyana (for Moiseyev).
3. Upravleniye Mosgorplodoovodshch (for Malinovskiy).
4. Tsentral'nyy universal'nyy magazin Voyentorga (for Shalomov).
5. Gosudarstvennyy universal'nyy magazin, Moskva (for Talantova).
6. Obshchestvennyy inspektor okhrany truda Mostorgatnoya (for Bychkova).
7. Obshchestvennyy inspektor okhrany truda Mosrybokombinata (for Voronov).
8. Pravovoy inspektor Moskovskogo gorodskogo soveta profsoyuzov (for Sokolenko).
9. Obshchestvennyy inspektor okhrany truda kholodil'nika No.1, Moskva (for Kutuzov).
10. Moskovskiy rybokombinat (for Fedyukov).
11. Korrespondent gazety "Sovetskaya torgovlya" (for Chechetkin).
12. Zaveduyushchaya otdelom profsoyuznoy zhizni gazety "Sovetskaya torgovlya" (for Kliuent'yeva).
13. Spetsial'nyy korrespondent zhurnala "Okrana truda i sotsial'-noye strakhovaniye" (for Gromov).

(Warehouses--Safety measures)  
(Retail trade--Safety measures)

KALINOVSKIY, R.S. [Kalynovs'kyi, R.S.]

Time norms and fuel consumption in operating the T-38M tractors.  
Mekh. sil'. hosp. 14 no.8:20-21 Ag '63. (MIRA 17:1)

1. Direktor Vinnitskoy zonal'noy normativno-issledovatel'skoy  
stantsii.

KALINOVSKIY, V.I., inzh.; KISILYER, M.I., inzh.; PURNAYASIAVTSEV,  
H.A., inzh.

Precast reinforced concrete trestles of fuel-feed  
arrangements. Energ.stroi. no.15:17-20 '59.  
(MIRA 13:8)

1. Kiyevskoye otdeleniye instituta "Teploslektroprojekt."  
(Precast concrete construction)  
(Trestles)

KALINOVSKIY, V. P. : FRIDMAN, I. I.

Lumber - Transportation

Automotive haulage of full length in the Irbit lumber camp. Les. prom. 11 no. 7, 1951.

9. Monthly List of Russian Accessions, Library of Congress, December, 1952 ~~1953~~, Unclassified.

KALINOVSKIY, V.P., dotsent, nauchnyy red.; SERNIKINA, N.F., tekhn.red.

[Advanced practices and possibilities for increasing labor productivity; materials of the conference of Sverdlovsk Province workers in lumbering, woodworking and wood processing industries] Perekovyye metody raboty i rezervy povysheniia proizvoditel'nosti truda; po materialam Sverdlovskoi oblastnoi nauchno-tekhnicheskoi konferentsii rabotnikov lesnoi, derevoobrabatyvaiushchchii i lesokhimicheskoi promyshlennosti. Sverdlovsk, Tsentr.biuro tekhn. informatsii, 1959. 52 p. (MIRA 14:4)

1. Russia (1917- R.S.F.S.R.) Sverdlovskiy ekonomicheskiy administrativnyy rayon. Sovet narodnogo khozyaystva. 2. Ural'skiy lesotekhnicheskii institut (for Kalinovskiy).  
(Lumbering) (Woodworking industries)

BARANOV, Yu.B.; BARANOVA, Ye.N.; BOBROVSKIY, V.I.; GRISHCHENKO, G.I.;  
GONCHAR, G.V.; DOLBISH, V.S.; KALINOVSKIY, V.S.; KARAKOTSKIY, Ye.D.,  
KULICHKOV, G.M.; KAGANOVSKAYA, S.M.; LESTOV, A.V.; MATELKIN, L.I.;  
TIKHONRAVOV, V.M. [deceased]; DOLBISH, V.S., spetsred.; KUZ'MINA,  
V.S., red.; KISINA, Ye.I., tekhn.red.

[Fishing equipment used in Far Eastern waters] Orudija rybolovstva  
Dal'nevostochnogo Bассейна. Moskva, Pishchepromizdat, 1958. 214 p.  
(MIRA 11:12)

(Soviet Far East--Fishing--Equipment and supplies)

PANICH, S.I.; KARASEV, I.V.; KALINOVSKIY, V.V.

Placing and removing bricks by means of loaders. Stroi. mat.  
10 no.7; p.3 or cover. Jl '64 (MIRA 18:1)

ACCESSION NR: AP4013316

S/0032/64/030/002/0237/0238

AUTHORS: Ksenzhek, O. S.; Kelinovskiy, Ye. A.; Koshel', N. D.

TITLE: Laboratory electrolyzer for the production of hydrogen

SOURCE: Zavodskaya laboratoriya, v. 30, no. 2, 1964, 237-238

TOPIC TAGS: hydrogen, hydrogen production, electrolysis, electrolyzer, outlet tube electrode, nickel, powdered nickel, macrogranular nickel, amalgamated electrode

ABSTRACT: The main parts of the electrolyzer consist of an electrode, and a cathode which is a flat, round porous nickel box with a cavity inside, provided with an outlet tube for the hydrogen formed during electrolysis. The walls of the box are a multilayered structure of pressed and sintered powdered nickel, the outer layer (approximately 0.5 mm thick) having the finest structure, while the second and third layers are made of macrogranular nickel. The issuing material consists of carbonyl nickel with particle size averaging  $5\text{ }\mu$ . To prepare the macrogranular layer, the fine material is first sintered into agglomerates of  $200-250\text{ }\mu$  which are mixed with ammonium bicarbonates, pressed in a mold at  $1.5\text{ T/cm}^2$ , then sintered for 4 hours while the temperature is brought up to  $620-700\text{C}$ . A hole is drilled to the central cavity and a metallic tube welded into it. The porous electrode is then plated with

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ACCESSION NR: AP4013316

copper, followed by amalgamation with mercury. When an electrode with pores  $2 \mu$  in diameter is in operation, the pressure of hydrogen within the pores amounts to 1 atm, and a continuous flow of hydrogen passes through the tube. The prepared electrodes are mounted in the electrolyzer with solid anodes of nickel. Orig. art. has: 3 figures.

ASSOCIATION: Dnepropetrovskiy khimiko-tehnologicheskiy institut (Dnepropetrovsk Chemical and Technological Institute)

SUBMITTED: 00

DATE ACQ: 26Feb64

ENCL: 01

SUB CODE: CH

NO REF Sov: 000

OTHER: 001

Card 2/3

73-3-18/24

AUTHOR: Kalinovskiy, Ye. A. and Stender, V. V.

TITLE: Electrolysis of Zinc Chloride Solutions. (Elektroliz Rastvorov Khloristogo Tsinka)

PERIODICAL: Ukrainskiy Khimicheskiy Zhurnal, 1957, Vol. 23, No.3, pp. 384-390 (USSR).

ABSTRACT: Contemporary commercial methods of preparing zinc by electrolysis have several drawbacks: the anode is made of lead and of its alloys which are not of suitable quality and are expensive; the anode product (oxygen) is not utilised; the cathodic zinc is peeled off by hand from the aluminium cathodes. The authors investigated the influence of various factors on the current efficiency and the quality of the cathode deposit during the electrolysis of zinc chloride solutions. A diagram of the apparatus used in the experiment is shown in figure 1. The volume of hydrogen liberated on the cathode during a given time is measured and the current efficiency is calculated. The difference between 100% and the yield of hydrogen in % gives the yield of zinc (in %). It is shown that the corrosion of the cathode progresses at a greater rate than the separation of the zinc on the cathode. The effect of Card 1/3 the concentration of HCl was investigated in the electrolyte

75-3-18/24

Electrolysis of Zinc Chloride Solutions.

the cathode during the electrolysis of zinc chloride solutions were determined. Tests were carried out for electrolysis without using a diaphragm by employing a highly porous graphite anode and an aluminium cathode. There are 7 figures, 1 table and 10 references, 8 of which are Slavic.

SUBMITTED: August, 10, 1956.

ASSOCIATION: Dnepropetrovsk Chemical-Technology Institute, Electrochemistry Laboratory. (Dnepropetrovskiy Khimiko-Tekhnologicheskiy Institut, Laboratoriya Elektrokhimii)

AVAILABLE: Library of Congress.

Card 3/3

KSENZHEK, O.S.; KALINOVSKIY, Ye.A.; BASKIN, Ye.L.

Conductivity of the electrolyte in porous nickel electrodes.  
Zhur.prikl. khim. 37 no. 5:1045-1052 My '64. (MIRA 17:7)

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KSENZHEK, O.S.; KALINOVSKIY, Ye.A.; TSYGANOK, L.P.

Capillary equilibrium in porous media with intersecting pores.

Part 2. Zhur.fiz.khim. 38 no.11:2587-2593 N '64.

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Scheme of compensation of ohmic voltage drop in polarization measurements. Ukr. khim. zhur. 31 no.6:640-641 '65. (MIRA 18E7)

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L 24784-65 EVT(m) Pi-4 RWE  
ACCESSION NR AP4049601

S/0076/64/03B/011/2587/2593

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AUTHOR: Ksenzhek, O. S. (Dnepropetrovsk); Kalinovskiy, Ye. A. (Dnepropetrovsk);  
Tsyaganok, L.P. (Dnepropetrovsk)

TITLE: Capillary equilibrium in a porous media with intersecting pores. II Displacement of a liquid by a gas in a porous media

SOURCE: Zhurnal fizicheskoy khimii, v. 38, no. 11, 1964, 2587-2593

TOPIC TAGS: porous medium, capillary force, gas displacement

ABSTRACT: The authors found experimentally that gas pressed into a porous medium is distributed nonuniformly because it is opposed by capillary forces. The gas content is the highest near the surface. The penetration is limited at low pressure; at higher pressures it becomes more uniform and more extended. The penetration depends on the structure of the porous body. The displacement data may be used for the determination of the area of the interfacial boundary between the gas and the liquid in a porous media. Orig. art. has: 10 figures and 6 equations.

Card 1/2

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Card 2/2

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Ye.I., inzh.; ZATONSKAYA, M.I., inzh.; ZARILOVA, T.A., tekhnik;  
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the reaction in gaseous phase in the presence of sodium cyanide as  
a catalyst produced no results. Ethylene cyanohydrin was dehydrated  
to acrylonitrile by passing the cyanohydrin vapours over the acti-  
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(TUBERCULOSIS, MENINGEAL, in infant and child,  
kidney carbonic anhydrase disord. in (Pol))  
(KIDNEYS, metabolism,  
carbonic anhydrase, disord. in tuberc. meningitis in  
child. (Pol))  
(HYDRASES,  
carbonic anhydrase, renal disord. in tuberc. meningitis  
in child. (Pol))

KALINOWSKA E

BC

AND 2ND ORDER PROCESSES AND PROPERTIES INDEX

IND AND PAKISTAN

1

**Emission of atomic lines in the molecular absorption in Cd vapour.** E. KALICKOWSKA (Acta phys. polon., 1938, 2, 111-117) Chem. Zentral., 1938, 1, 10).—From the dependence of the intensity of the fluorescence on that of the exciting light it is shown that excitation of Cd atom to the  $3P_1$  state at approx. 6000 $\text{\AA}$  requires two absorption processes by the Cd mol. At approx. 900 $^{\circ}$  only one is needed.

HAN. M.

## ASH-TRAC METALLURGICAL LITERATURE CLASSIFICATION

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